

10/781,956

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LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4	Jul 15	Data from 1960-1976 added to RDISCLOSURE
NEWS	5	Jul 21	Identification of STN records implemented
NEWS	6	Jul 21	Polymer class term count added to REGISTRY
NEWS	7	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	8	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	9	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	10	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	11	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	12	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	13	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	14	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	15	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS	16	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS	17	AUG 18	Simultaneous left and right truncation added to ANABSTR
NEWS	18	SEP 22	DIPPR file reloaded
NEWS	19	SEP 25	INPADOC: Legal Status data to be reloaded
NEWS EXPRESS			April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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10/781,956

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:00:59 ON 27 SEP 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:01:07 ON 27 SEP 2003

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STRUCTURE FILE UPDATES: 26 SEP 2003 HIGHEST RN 593958-55-5

DICTIONARY FILE UPDATES: 26 SEP 2003 HIGHEST RN 593958-55-5

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

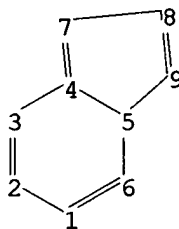
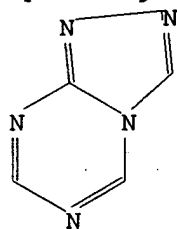
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10439804.str



L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

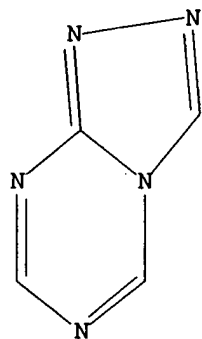
=> d l1

L1 HAS NO ANSWERS

10/781,956

L1

STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 14:01:24 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 59 TO ITERATE

100.0% PROCESSED 59 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 720 TO 1640

PROJECTED ANSWERS: 11 TO 389

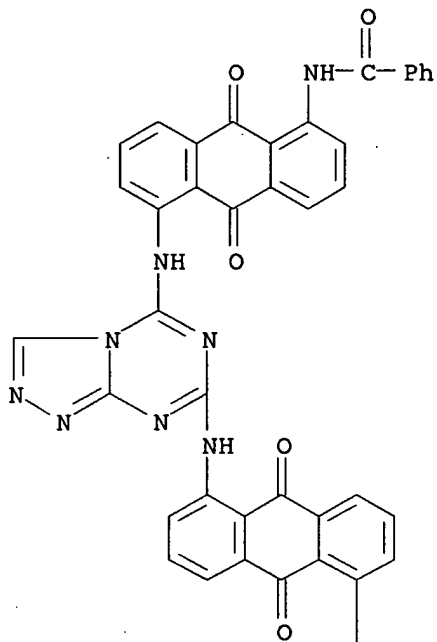
L3 10 SEA SSS SAM L1

=> d scan

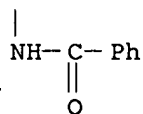
10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzamide, N,N'-[1,2,4-triazolo[4,3-a][1,3,5]triazine-5,7-  
diylbis[imino(9,10-dihydro-9,10-dioxo-5,1-anthracenediyl)]]bis- (9CI)  
MF C46 H27 N9 O6

PAGE 1-A



PAGE 2-A



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

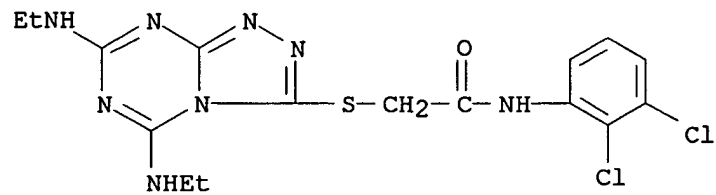
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN Acetamide, 2-[[5,7-bis(ethylamino)-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl]thio]-N-(2,3-dichlorophenyl)- (9CI)

MF C16 H18 Cl2 N8 O S



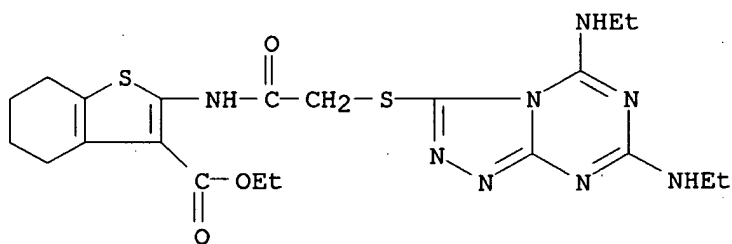
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN Benzo[b]thiophene-3-carboxylic acid, 2-[[[5,7-bis(ethylamino)-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl]thio]acetyl]amino]-4,5,6,7-tetrahydro-, ethyl ester (9CI)

MF C21 H28 N8 O3 S2

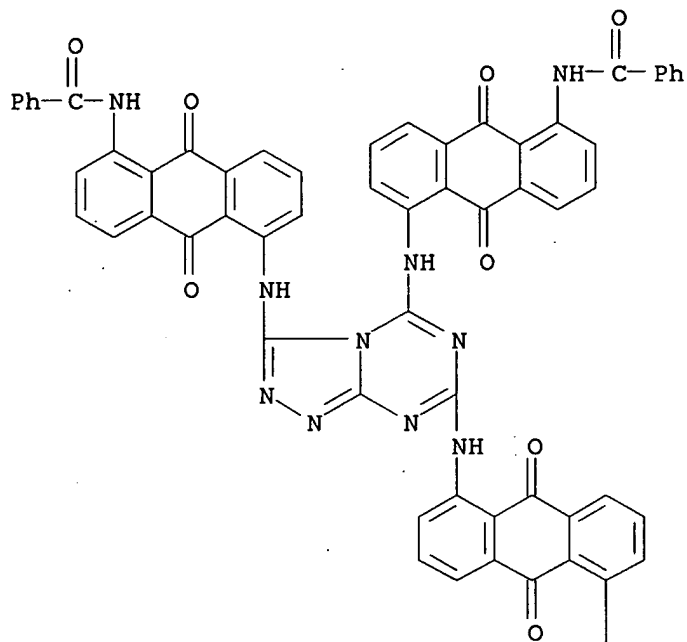


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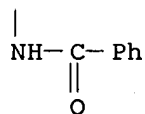
10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-  
trilyltriimino)tris[5-benzamido- (7CI)  
MF C67 H39 N11 O9

PAGE 1-A



PAGE 2-A

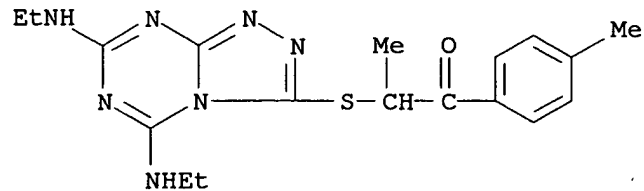


10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN 1-Propanone, 2-[[5,7-bis(ethylamino)-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl]thio]-1-(4-methylphenyl)- (9CI)

MF C18 H23 N7 O S

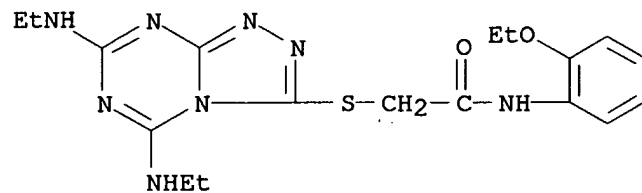


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Acetamide, 2-[[5,7-bis(ethylamino)-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl]thio]-N-(2-ethoxyphenyl)- (9CI)  
MF C18 H24 N8 O2 S



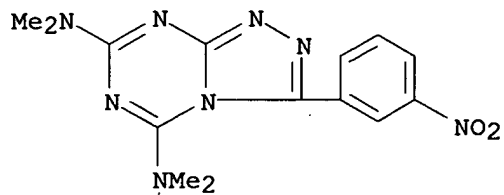
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(3-nitrophenyl)- (9CI)

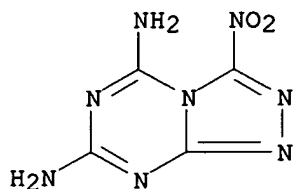
MF C14 H16 N8 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-nitro- (9CI)  
MF C4 H4 N8 O2



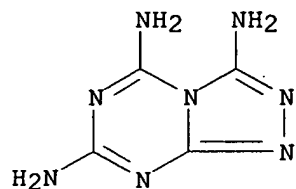
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine, monohydrochloride  
(9CI)

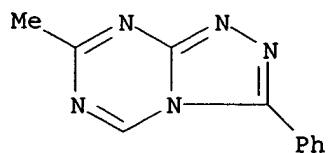
MF C4 H6 N8 . Cl H



● HCl

10/781,956

L3 10 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN s-Triazolo[4,3-a]-s-triazine, 7-methyl-3-phenyl- (8CI)  
MF C11 H9 N5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

10/781,956

=> s l1 sss ful  
FULL SEARCH INITIATED 14:01:42 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1230 TO ITERATE

100.0% PROCESSED 1230 ITERATIONS 149 ANSWERS  
SEARCH TIME: 00.00.01

L4 149 SEA SSS FUL L1

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	148.15	148.36

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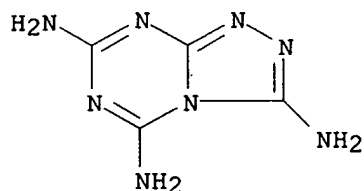
FILE COVERS 1907 - 27 Sep 2003 VOL 139 ISS 14  
FILE LAST UPDATED: 26 Sep 2003 (20030926/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

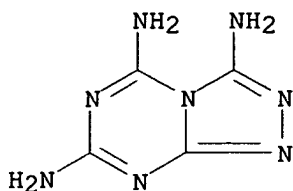
=> s l4  
L5 39 L4  
  
=> d 1-39 bib hitstr

L5 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2003:282119 CAPLUS  
 DN 138:287703  
 TI Preparation of 1,2,4-triazolo[4,3-a][1,3,5]triazine-3,5,7-substituted  
 precursor and its compounds  
 IN Sitzmann, Michael E.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 874,946.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003069247	A1	20030410	US 2002-181149	20020710
	US 6423844	B1	20020723	US 2001-874946	20010606
	WO 2002098855	A2	20021212	WO 2002-US17564	20020531
	WO 2002098855	A3	20030313		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-874946	A2	20010606		
	WO 2002-US17564	W	20020531		
OS	MARPAT 138:287703				
IT	<b>7144-22-1P 485318-08-9P</b>				
	RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of triazolotriazinetriamine and triazolo-tetrazino- aminotriazine derivs. as energetic materials for pyrotechnic compns.)				
RN	7144-22-1 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)				



RN 485318-08-9 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine, monohydrochloride,  
 monohydrate (9CI) (CA INDEX NAME)



● HCl

● H<sub>2</sub>O

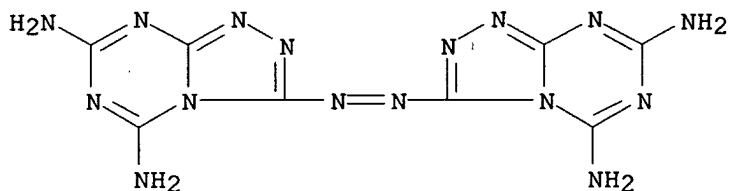
IT **485319-37-7P**

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(preparation of triazolotriazinetriamine and triazolo-tetrazino-aminotriazine derivs. as energetic materials for pyrotechnic compns.)

RN 485319-37-7 CAPLUS

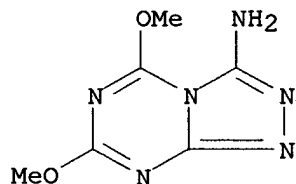
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3,3'-azobis- (9CI) (CA INDEX NAME)



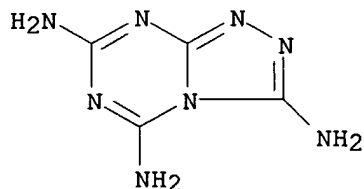


L5 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2003:43052 CAPLUS  
 DN 138:92349  
 TI Synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines as candidate explosives and pyrotechnics  
 IN Koppes, William M.; Sitzmann, Michael E.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. 6,423,844.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003013878	A1	20030116	US 2002-171114	20020614
	US 6423844	B1	20020723	US 2001-874946	20010606
PRAI	US 2001-874946	A2	20010606		
OS	MARPAT 138:92349				
IT	<b>485319-38-8</b>				
	RL: MSC (Miscellaneous)				
	(synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines as candidate explosives and pyrotechnics)				
RN	485319-38-8	CAPLUS			
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3-amine, 5,7-dimethoxy- (9CI) (CA INDEX NAME)				

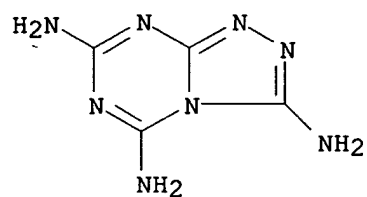


IT **7144-22-1DP**, 1,2,4-Triazolo[4,3-a][1,3,5]-triazine-3,5,7-triamine, salts **7144-22-1P**, 1,2,4-Triazolo[4,3-a][1,3,5]-triazine-3,5,7-triamine **485318-08-9P** **485319-37-7P**  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines as candidate explosives and pyrotechnics)  
 RN 7144-22-1 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



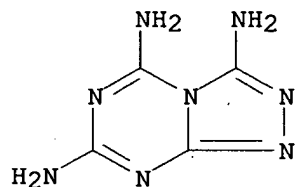
RN 7144-22-1 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)

10/781,956



RN 485318-08-9 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine, monohydrochloride, monohydrate (9CI) (CA INDEX NAME)

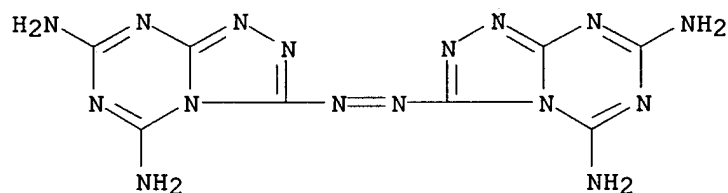


● HCl

● H<sub>2</sub>O

RN 485319-37-7 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3,3'-azobis- (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:43051 CAPLUS

DN 138:92351

TI Synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines and triazine metal complexes as candidate explosives and pyrotechnics

IN Koppes, William M.; Sitzmann, Michael E.

PA USA

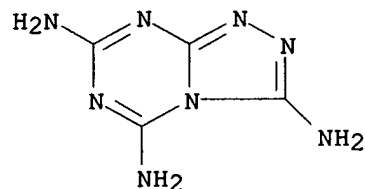
SO U.S. Pat. Appl. Publ., 10 pp., Cont.-in-part of U. S. 6,423,844.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003013877	A1	20030116	US 2002-171134	20020614
	US 6602366	B2	20030805		
	US 6423844	B1	20020723	US 2001-874946	20010606
PRAI	US 2001-874946	A2	20010606		
IT	<b>7144-22-1P</b> , 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine				
RL:	PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (diazotization of; synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines and triazine metal complexes as candidate explosives and pyrotechnics)				
RN	7144-22-1 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)				



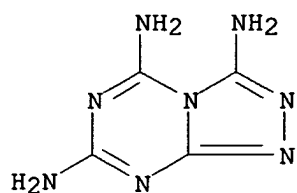
IT **485318-08-9P**

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(synthesis and properties of substituted 1,2,4-triazolo[4,3-a][1,3,5]triazines and triazine metal complexes as candidate explosives and pyrotechnics)

RN 485318-08-9 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine, monohydrochloride, monohydrate (9CI) (CA INDEX NAME)

10/781,956



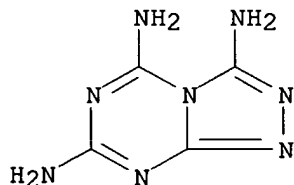
● HCl

● H<sub>2</sub>O

10/781,956

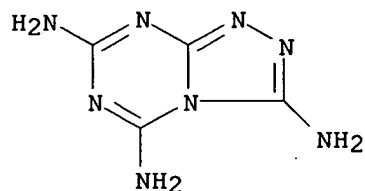
L5 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2002:551626 CAPLUS  
DN 137:109297  
TI Preparation of 1,2,4-triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine acid salts from 2,4-diamino-6-hydrazino-s-triazine and cyanogen bromide.  
IN Koppes, William M.; Sitzmann, Michael E.  
PA The United States of America as Represented by the Secretary of the Navy, USA  
SO U.S., 4 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6423844	B1	20020723	US 2001-874946	20010606
	WO 2002098855	A2	20021212	WO 2002-US17564	20020531
	WO 2002098855	A3	20030313		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003013878	A1	20030116	US 2002-171114	20020614
	US 2003013877	A1	20030116	US 2002-171134	20020614
	US 6602366	B2	20030805		
	US 2003069247	A1	20030410	US 2002-181149	20020710
PRAI	US 2001-874946	A	20010606		
	WO 2002-US17564	W	20020531		
OS	CASREACT 137:109297; MARPAT 137:109297				
IT	443288-50-4P, 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine hydrochloride hydrate				
	RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of triazolotriazinetriamine acid salts from diaminohydrazinotriazine and cyanogen bromide)				
RN	443288-50-4 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine, monohydrochloride (9CI) (CA INDEX NAME)				

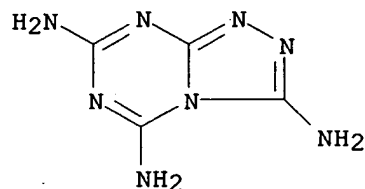


● HCl

IT **7144-22-1DP**, 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine,  
salts  
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP  
(Preparation)  
(preparation of triazolotriazinetriamine acid salts from  
diaminohydrazinotriazine and cyanogen bromide)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



IT **7144-22-1P**, 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of triazolotriazinetriamine acid salts from  
diaminohydrazinotriazine and cyanogen bromide)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:10436 CAPLUS

DN 136:85724

TI Synthesis and antibacterial activity of cephalosporin derivatives

IN Cho, Yang-Rae; Lee, Chang-Seok; Oh, Seong-Ho; Ryu, Eun-Jung; Paek, Kyoung-Sook; Youn, Ha-Sik; Jang, Yong-Jin; Kim, Geun-Tae

PA LG Chem Investment Ltd., S. Korea

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

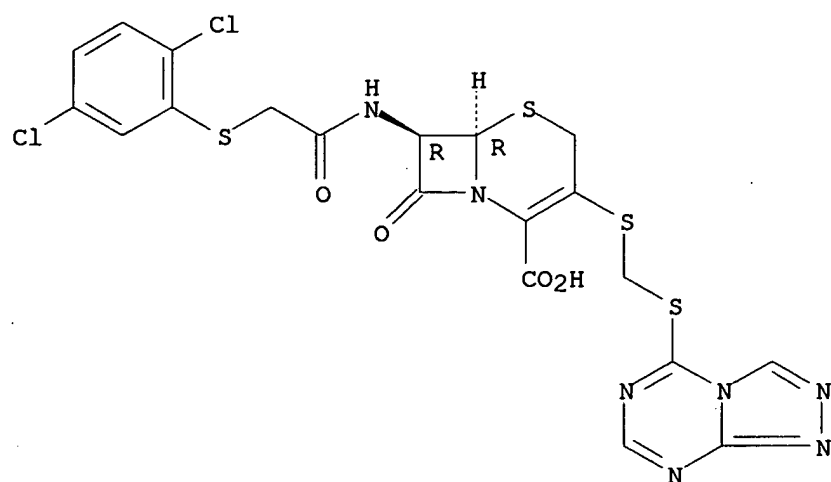
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002000616	A2	20020103	WO 2001-KR1020	20010614
	WO 2002000616	A3	20020627		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2001064379	A5	20020108	AU 2001-64379	20010614
	EP 1294730	A2	20030326	EP 2001-938803	20010614
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2003166922	A1	20030904	US 2002-276960	20021121
PRAI	KR 2000-35834	A	20000628		
	WO 2001-KR1020	W	20010614		
OS	MARPAT 136:85724				
IT	<b>385778-42-7P</b>				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation and antibacterial activity of cephalosporin derivs.)				
RN	385778-42-7 CAPLUS				
CN	5-Thia-1-azabicyclo[4.2.0]octane-2-carboxylic acid, 7-[[[(2,5-dichlorophenyl)thio]acetyl]amino]-8-oxo-3-[[[(1,2,4-triazolo[4,3-a][1,3,5]triazin-5-ylthio)methyl]thio]-, (6R,7R)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.





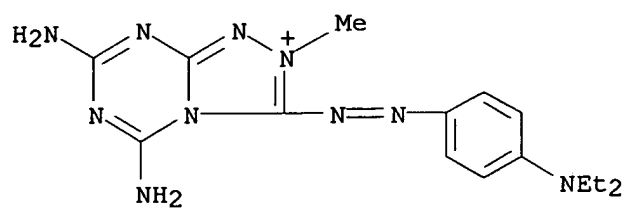
10/781,956

L5 ANSWER 6 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:691722 CAPLUS  
DN 135:261999  
TI Hair dye composition  
IN Ohashi, Yukihiro; Miyabe, Hajime; Matsunaga, Kenichi; Totoki, Shintaro;  
Saito, Yoshinori  
PA Kao Corporation, Japan  
SO Eur. Pat. Appl., 113 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1133975	A2	20010919	EP 2001-106318	20010315
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001261534	A2	20010926	JP 2000-76638	20000317
	JP 2001288055	A2	20011016	JP 2000-107180	20000407
	JP 2001288056	A2	20011016	JP 2000-107188	20000407
	JP 2001288058	A2	20011016	JP 2000-107189	20000407
	JP 2001288059	A2	20011016	JP 2000-107190	20000407
	JP 2001328925	A2	20011127	JP 2000-107178	20000407
	JP 2001328929	A2	20011127	JP 2000-107187	20000407
	JP 2001328930	A2	20011127	JP 2000-193184	20000627
	JP 2002012524	A2	20020115	JP 2000-193177	20000627
	JP 2002012525	A2	20020115	JP 2000-193178	20000627
	JP 2002012532	A2	20020115	JP 2000-193180	20000627
	JP 2002012529	A2	20020115	JP 2000-193181	20000627
	JP 2002012527	A2	20020115	JP 2000-193188	20000627
PRAI	JP 2000-76009	A	20000317		
	JP 2000-76637	A	20000317		
	JP 2000-76638	A	20000317		
	JP 2000-76668	A	20000317		
	JP 2000-107178	A	20000407		
	JP 2000-107180	A	20000407		
	JP 2000-107187	A	20000407		
	JP 2000-107188	A	20000407		
	JP 2000-107189	A	20000407		
	JP 2000-107190	A	20000407		
	JP 2000-193177	A	20000627		
	JP 2000-193178	A	20000627		
	JP 2000-193180	A	20000627		
	JP 2000-193181	A	20000627		
	JP 2000-193184	A	20000627		
	JP 2000-193188	A	20000627		
OS	MARPAT 135:261999				
IT	35894-58-7				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (hair dye composition)				
RN	35894-58-7 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-3-[[4- (diethylamino)phenyl]azo]-2-methyl-, methyl sulfate (9CI) (CA INDEX NAME)				
CM	1				
CRN	50565-99-6				

10/781,956

CMF C15 H21 N10



CM 2

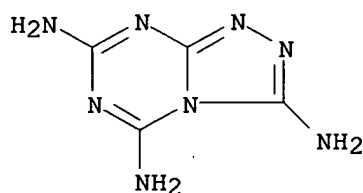
CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO<sub>3</sub><sup>-</sup>

10/781,956

L5 ANSWER 7 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:59890 CAPLUS  
DN 134:292357  
TI Docking molecules by families to increase the diversity of hits in  
database screens: computational strategy and experimental evaluation  
AU Su, Andrew I.; Lorber, David M.; Weston, G. Scott; Baase, Walter A.;  
Matthews, Brian W.; Shoichet, Brian K.  
CS Department of Molecular Pharmacology & Biological Chemistry, Northwestern  
University, Chicago, IL, 60611-3008, USA  
SO Proteins: Structure, Function, and Genetics (2001), '42(2), 279-293  
CODEN: PSFGEY; ISSN: 0887-3585  
PB Wiley-Liss, Inc.  
DT Journal  
LA English  
IT 7144-22-1  
RL: BPR (Biological process); BSU (Biological study, unclassified); PRP  
(Properties); BIOL (Biological study); PROC (Process)  
(method for evaluation of mol. docking screens of chemical databases for  
anal. of ligands for protein binding sites)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/781,956

L5 ANSWER 8 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:623656 CAPLUS

DN 133:179919

TI Nitrogen-containing heterocyclic compounds as potential stabilizers for ammonium dinitramide (ADN) oxidant in energetic formulations

IN Ciaramitaro, David A.; Reed, Russell

PA United States Dept. of the Navy, USA

SO U.S., 12 pp.

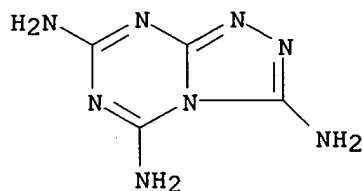
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

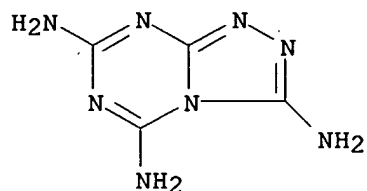
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6113712	A	20000905	US 1998-226616	19981222
PRAI	US 1998-226616		19981222		
IT	7144-22-1, 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine RL: MOA (Modifier or additive use); PRP (Properties); USES (Uses) (stabilizer; nitrogen-containing heterocyclic compds. as potential stabilizers for ammonium dinitramide oxidant in energetic formulations)				
RN	7144-22-1 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)				



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/781,956

L5 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:96368 CAPLUS  
DN 132:237065  
TI Formation of 3,5-diamino-1,2,4-triazole and 3,5,7-triamino-1,2,4-triazolo[4,3-a]-1,3,5-triazine in melts of dicyandiamide and hydrazine salts  
AU Chernyshev, V. M.; Zemlyakov, N. D.; Taranushich, V. A.  
CS Novocherkass. Gos. Tekh. Univ., Russia  
SO Zhurnal Prikladnoi Khimii (Sankt-Peterburg) (1999), 72(10), 1685-1688  
CODEN: ZPKHAB; ISSN: 0044-4618  
PB Nauka  
DT Journal  
LA Russian  
IT 7144-22-1P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



10/781,956

L5 ANSWER 10 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:28085 CAPLUS

DN 130:99961

TI Multicomponent enzyme system for treating wastewaters especially from processing wood, pulp, and paper and for organic syntheses and coal liquefaction.

IN Call, Hans-Peter

PA Call, Krimhild, Germany

SO Ger. Offen., 54 pp.

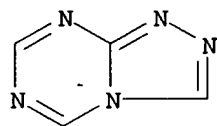
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19726241	A1	19981224	DE 1997-19726241	19970620
	WO 9901607	A2	19990114	WO 1998-DE1694	19980619
	WO 9901607	A3	19990624		
	W: BR, CA, FI, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	DE 1997-19726241		19970620		
OS	MARPAT 130:99961				
IT	274-99-7, [1,2,4]Triazolo[4,3-a][1,3,5]triazine				
	RL: NUU (Other use, unclassified); USES (Uses)				
	(multicomponent enzyme system for treating wastewaters especially from processing wood, pulp, and paper and for organic syntheses and coal liquefaction.)				
RN	274-99-7 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine (9CI) (CA INDEX NAME)				

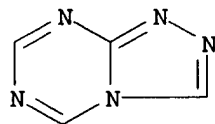


10/781,956

L5 ANSWER 11 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1998:31384 CAPLUS  
DN 128:90358  
TI Multicomponent bleaching system for use with detergents  
IN Call, Hans-Peter  
PA Call, Hans-Peter, Germany  
SO PCT Int. Appl., 68 pp.  
CODEN: PIXXD2  
DT Patent  
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9748786	A1	19971224	WO 1996-EP2658	19960619
	W: AU, BR, CA, CZ, FI, HU, JP, LK, NO, SK, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9663578	A1	19980107	AU 1996-63578	19960619
	EP 845026	A1	19980603	EP 1996-922848	19960619
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, FI				
PRAI	WO 1996-EP2658		19960619		
OS	MARPAT 128:90358				
IT	274-99-7, [1,2,4]Triazolo[4,3-a][1,3,5]triazine				
	RL: MOA (Modifier or additive use); USES (Uses)				
	(mediators; multicomponent bleaching system for use with detergents)				
RN	274-99-7 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine (9CI) (CA INDEX NAME)				



L5 ANSWER 12 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:504125 CAPLUS

DN 125:145468

TI Multicomponent system for modifying, decomposing or bleaching lignin,  
lignin-containing materials or similar substances, as well as a process  
for its use

IN Call, Hans-Peter

PA Lignozym Gmbh, Germany

SO PCT Int. Appl., 82 pp.

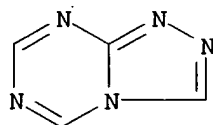
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 3

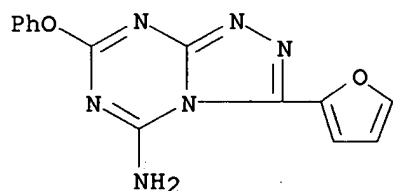
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9618770	A2	19960620	WO 1995-EP4965	19951215
	WO 9618770	A3	19960822		
	W: AU, BR, CN, CZ, FI, HU, JP, KR, NO, NZ, PL, RU, SK, UA				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 717143	A1	19960619	EP 1994-119981	19941216
	R: DE				
	CA 2164394	AA	19960617	CA 1995-2164394	19951204
	AU 9645350	A1	19960703	AU 1996-45350	19951215
	AU 688660	B2	19980312		
	EP 745154	A1	19961204	EP 1995-944012	19951215
	EP 745154	B1	19980916		
	R: AT, BE, DE, DK, ES, FR, GB, NL, PT, SE				
	CN 1142255	A	19970205	CN 1995-191657	19951215
	JP 09503257	T2	19970331	JP 1995-518274	19951215
	HU 76126	A2	19970630	HU 1996-2270	19951215
	HU 215542	B	19990128		
	BR 9506801	A	19980630	BR 1995-6801	19951215
	AT 171228	E	19981015	AT 1995-944012	19951215
	ES 2122722	T3	19981216	ES 1995-944012	19951215
	RU 2142479	C1	19991210	RU 1996-118245	19951215
	JP 3107828	B2	20001113	JP 1996-518274	19951215
	NO 9603410	A	19961015	NO 1996-3410	19960815
	FI 9603210	A	19960816	FI 1996-3210	19960816
PRAI	EP 1994-119981	A	19941216		
	DE 1993-4319696		19930616		
	WO 1995-EP4965	W	19951215		
OS	MARPAT 125:145468				
IT	274-99-7, [1,2,4]Triazolo[4,3-a][1,3,5]triazine				
	RL: NUU (Other use, unclassified); USES (Uses)				
	(multicomponent system for modifying or decomposing or bleaching lignin or lignin-containing materials)				
RN	274-99-7 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine (9CI) (CA INDEX NAME)				



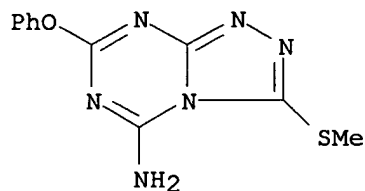


10/781,956

L5 ANSWER 13 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1995:517839 CAPLUS  
 DN 123:228139  
 TI Adenine isosteres with bridgehead nitrogen. Part 1. Two independent syntheses of the [1,2,4]traizolo[1,5-a][1,3,5]triazine ring system leading to a range of substituents in the 2, 5 and 7 positions  
 AU Caulkett, Peter W. R.; Jones, Geraint; McPartlin, Mary; Renshaw, Nigel D.; Stewart, Sarah K.; Wright, Brian  
 CS ZENECA Pharmaceuticals plc, Mereside, Macclesfield, SK10 4TG, UK  
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1995), (7), 801-8  
 CODEN: JCPRB4; ISSN: 0300-922X  
 PB Royal Society of Chemistry  
 DT Journal  
 LA English  
 IT **139181-29-6P 168211-32-3P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of adenine isosteres)  
 RN 139181-29-6 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazin-5-amine, 3-(2-furanyl)-7-phenoxy-  
 (9CI) (CA INDEX NAME)



RN 168211-32-3 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazin-5-amine, 3-(methylthio)-7-phenoxy-  
 (9CI) (CA INDEX NAME)



L5 ANSWER 14 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1995:444109 CAPLUS  
 DN 122:214109  
 TI Morpholinyl substituted [1,2,4]-triazolo[1,5-a]triazines and analogs as  
 adenosine antagonists  
 IN Rodney, Peter W.; Jones, Geraint; Collis, Michael G.; Poucher, Simon M.  
 PA UK  
 SO U.S., 31 pp. Cont.-in-part of U.S. 5,270,311.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5356894	A	19941018	US 1993-94572	19930721
	US 5270311	A	19931214	US 1991-708265	19910528
	PL 167014	B1	19950731	PL 1991-290445	19910528
	CN 1056879	A	19911211	CN 1991-103744	19910529
	ZA 9104094	A	19920226	ZA 1991-4094	19910529
PRAI	GB 1990-11913	A	19900529		
	GB 1990-11914	A	19900529		
	GB 1991-1379	A	19910122		
	GB 1991-1380	A	19910122		
	GB 1991-4125	A	19910227		
	US 1991-708265	A2	19910528		
	GB 1992-26735	A	19921222		

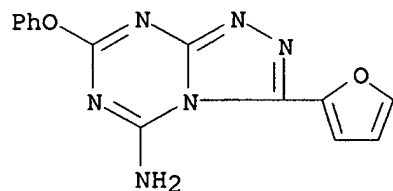
OS MARPAT 122:214109

IT **139181-29-6P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (intermediate; preparation of triazolotriazines and analogs as adenosine  
 antagonists)

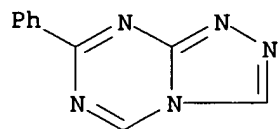
RN 139181-29-6 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazin-5-amine, 3-(2-furanyl)-7-phenoxy-  
 (9CI) (CA INDEX NAME)



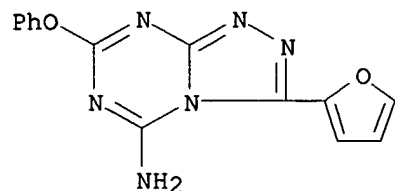
10/781,956

L5 ANSWER 15 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1993:101915 CAPLUS  
DN 118:101915  
TI Crystal and molecular structures of 7-phenyl-1,2,4-triazolo[1,5-a]-1,3,5-triazine  
AU Kurella, M. G.; Vorontsova, L. G.; Amamchyan, A. R.; Dorokhov, V. A.  
CS N. D. Zelinskii Inst. Org. Chem., Moscow, 117913, Russia  
SO Izvestiya Akademi Nauk, Seriya Khimicheskaya (1992), (6), 1386-9  
CODEN: IASKEA; ISSN: 1026-3500  
DT Journal  
LA Russian  
IT **145933-27-3P**  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and crystal and mol. structure of)  
RN 145933-27-3 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 7-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 16 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1992:571476 CAPLUS  
 DN 117:171476  
 TI Preparation of (amino)heteroaryl[1,2,4]triazolo[1,5-a]triazines and  
 related compounds as adenosine A2 receptor antagonists  
 IN Caulkett, Peter William Rodney; Jones, Geraint; Collis, Michael George;  
 Poucher, Simon Martin  
 PA Imperial Chemical Industries PLC, UK  
 SO Eur. Pat. Appl., 53 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 459702	A1	19911204	EP 1991-304665	19910523
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	GB 2244487	A1	19911204	GB 1991-11132	19910523
	GB 2244487	B2	19940202		
	CA 2043424	AA	19911130	CA 1991-2043424	19910528
	FI 9102563	A	19911130	FI 1991-2563	19910528
	NO 9102051	A	19911202	NO 1991-2051	19910528
	NO 178401	B	19951211		
	NO 178401	C	19960320		
	AU 9177348	A1	19911205	AU 1991-77348	19910528
	AU 642494	B2	19931021		
	RO 109542	B1	19950330	RO 1991-147639	19910528
	PL 167014	B1	19950731	PL 1991-290445	19910528
	CN 1056879	A	19911211	CN 1991-103744	19910529
	ZA 9104094	A	19920226	ZA 1991-4094	19910529
	HU 61311	A2	19921228	HU 1991-1789	19910529
	JP 05097855	A2	19930420	JP 1991-235332	19910529
	IL 98316	A1	19950526	IL 1991-98316	19910530
PRAI	GB 1990-11913	A	19900529		
	GB 1990-11914	A	19900529		
	GB 1991-1379	A	19910122		
	GB 1991-1380	A	19910122		
	GB 1991-4125	A	19910227		
OS	MARPAT 117:171476				
IT	<b>139181-29-6P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of, as intermediate for adenosine A2 receptor antagonists)				
RN	139181-29-6 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazin-5-amine, 3-(2-furanyl)-7-phenoxy- (9CI) (CA INDEX NAME)				



L5 ANSWER 17 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:658289 CAPLUS

DN 115:258289

TI 5,7-Diamino-1,2,4-triazolo[4,3-a][1,3,5]triazine vat dyes, their preparation and use

IN Altermatt, Hans

PA Ciba-Geigy A.-G., Switz.

SO Ger. Offen., 7 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

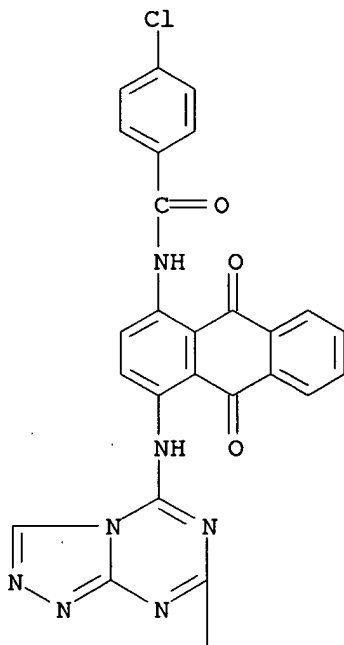
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4037569	A1	19910529	DE 1990-4037569	19901126
PRAI	CH 1989-4253		19891128		
OS	MARPAT 115:258289				
IT	<b>137249-90-2P</b>				

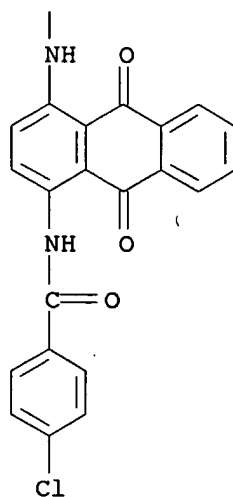
RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of, as pigment for PVC)

RN 137249-90-2 CAPLUS

CN Benzamide, 4-chloro-N-[3-[[7-[[4-[(4-chlorobenzoyl)amino]-9,10-dihydro-9,10-dioxo-1-anthracenyl]amino]-1,2,4-triazolo[4,3-a][1,3,5]triazin-5-yl]amino]-9,10-dihydro-9,10-dioxo-1-anthracenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



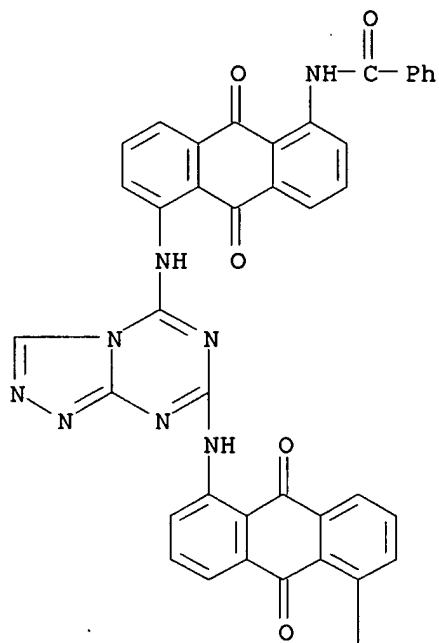


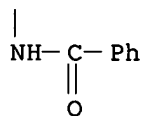
IT 137249-89-9P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of, as vat dye)

RN 137249-89-9 CAPLUS

CN Benzamide, N,N'-[1,2,4-triazolo[4,3-a][1,3,5]triazine-5,7-diylbis[imino(9,10-dihydro-9,10-dioxo-5,1-anthracenediyl)]]bis- (9CI) (CA INDEX NAME)



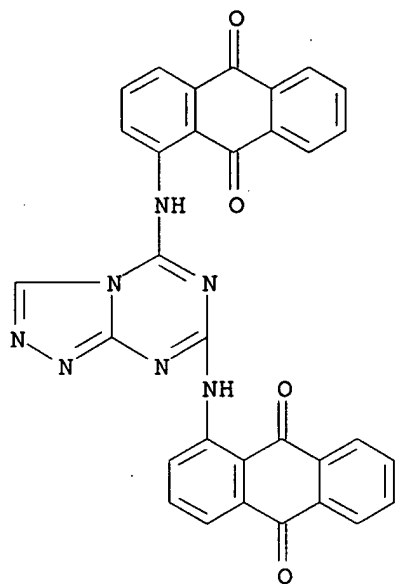


IT 137249-88-8P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of, as vat dye for cotton and pigment for coatings)

RN 137249-88-8 CAPLUS

CN 9,10-Anthracenedione, 1,1'-(1,2,4-triazolo[4,3-a][1,3,5]triazine-5,7-diyl-diimino)bis- (9CI) (CA INDEX NAME)

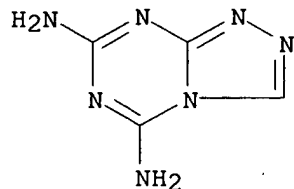


IT 23244-86-2

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with chloroanthraquinones)

RN 23244-86-2 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine (9CI) (CA INDEX NAME)





L5 ANSWER 18 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1984:530664 CAPLUS

DN 101:130664

TI Triazines and related products. Part 26. Synthesis and chemistry of bicyclic analogs of the antitumor drug 2,4,6-tris(dimethylamino)-1,3,5-triazine (hexamethylmelamine)

AU Langdon, Simon P.; Simmonds, Richard J.; Stevens, Malcolm F. G.

CS Dep. Pharm., Univ. Aston, Birmingham, B4 7ET, UK

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1984), (5), 993-8

CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

OS CASREACT 101:130664

IT 54807-10-2P 91892-46-5P 91892-47-6P

91892-48-7P 91892-49-8P 91892-50-1P

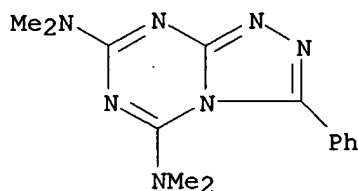
91892-51-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and rearrangement of)

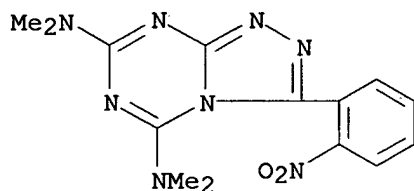
RN 54807-10-2 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 91892-46-5 CAPLUS

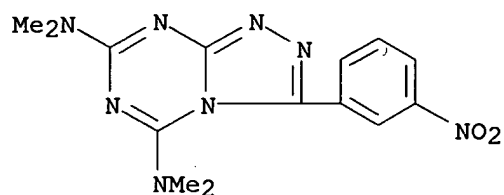
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(2-nitrophenyl)- (9CI) (CA INDEX NAME)



RN 91892-47-6 CAPLUS

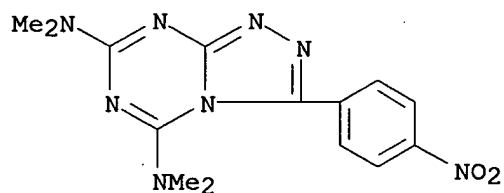
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(3-nitrophenyl)- (9CI) (CA INDEX NAME)

10/781,956



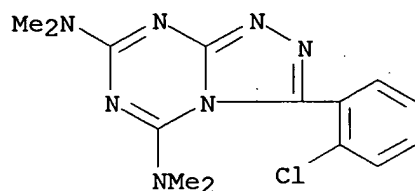
RN 91892-48-7 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



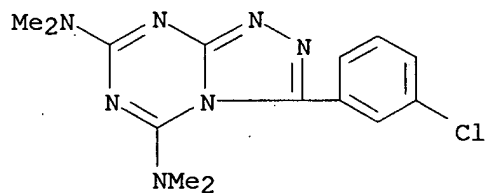
RN 91892-49-8 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-(2-chlorophenyl)-N,N,N',N'-tetramethyl- (9CI) (CA INDEX NAME)



RN 91892-50-1 CAPLUS

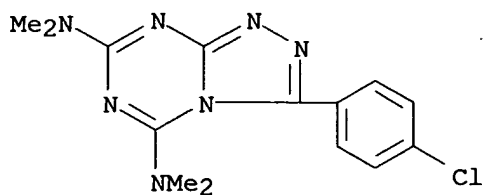
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-(3-chlorophenyl)-N,N,N',N'-tetramethyl- (9CI) (CA INDEX NAME)



RN 91892-51-2 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-(4-chlorophenyl)-N,N,N',N'-tetramethyl- (9CI) (CA INDEX NAME)

10/781,956

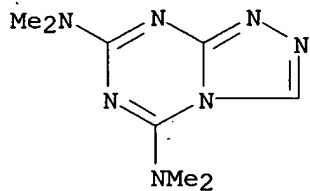


IT 54807-11-3P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, by intramol. cyclocondensation of  
bis(dimethylamino) (formylhydrazino) triazine)

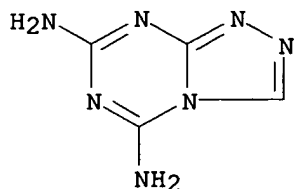
RN 54807-11-3 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-  
(9CI) (CA INDEX NAME)

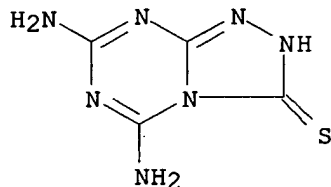


10/781,956

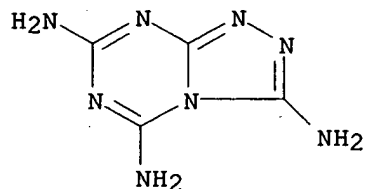
L5 ANSWER 19 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1984:34469 CAPLUS  
DN 100:34469  
TI Reaction of aminoguanidine salts with carbon disulfide and aromatic and  
aliphatic isothiocyanates  
AU Dobosz, Maria  
CS Inst. Fundam. Chem., Med. Acad., Lublin, Pol.  
SO Annales Universitatis Mariae Curie-Sklodowska, Sectio AA: Chemia (1982),  
Volume Date 1980, 35, 49-62  
CODEN: AUMCD7; ISSN: 0137-6853  
DT Journal  
LA Polish  
OS CASREACT 100:34469  
IT **23244-86-2P 88312-59-8P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 23244-86-2 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine (9CI) (CA INDEX NAME)



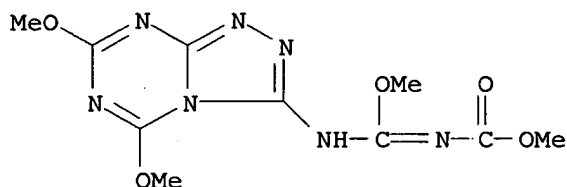
RN 88312-59-8 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3(2H)-thione, 5,7-diamino- (9CI) (CA  
INDEX NAME)



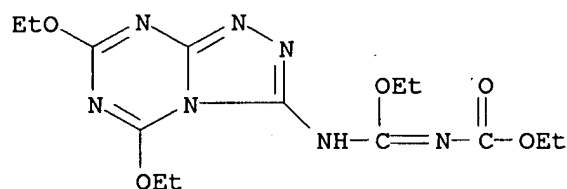
L5 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1981:84072 CAPLUS  
DN 94:84072  
TI Condensation of 3,6,7-triamino-7H-s-triazolo[5,1-c]-s-triazole with  
 $\alpha$ - and  $\beta$ -diketones and 3,5,7-triamino-s-triazolo[4,3-a]-s-  
triazine with  $\beta$ -diketones  
AU Chuiguk, V. A.; Fedotov, K. V.  
CS Kiev. Gos. Univ., Kiev, USSR  
SO Ukrainskii Khimicheskii Zhurnal (Russian Edition) (1980), 46(10), 1092-4  
CODEN: UKZHAU; ISSN: 0041-6045  
DT Journal  
LA Russian  
IT 7144-22-1  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(cyclocondensation of, with  $\beta$ -diketones)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



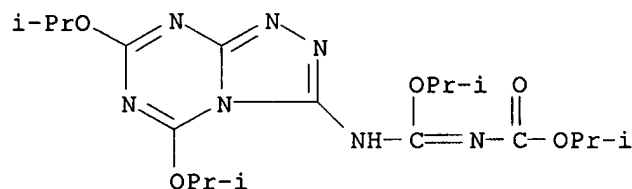
L5 ANSWER 21 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1979:455885 CAPLUS  
 DN 91:55885  
 TI Photolyses of azidotriazines in organic nitro compounds  
 AU Goka, Tsuruji; Hashida, Yoji; Matsui, Kohji  
 CS Fac. Eng., Gunma Univ., Kiryu, 376, Japan  
 SO Bulletin of the Chemical Society of Japan (1979), 52(4), 1231-2  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DT Journal  
 LA English  
 IT 70735-75-0P 70735-76-1P 70735-77-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 70735-75-0 CAPLUS  
 CN Carbamic acid, [[(5,7-dimethoxy-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl)amino]methoxymethylene]-, methyl ester (9CI) (CA INDEX NAME)



RN 70735-76-1 CAPLUS  
 CN Carbamic acid, [[(5,7-diethoxy-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl)amino]ethoxymethylene]-, ethyl ester (9CI) (CA INDEX NAME)

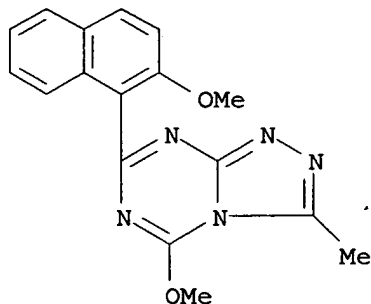


RN 70735-77-2 CAPLUS  
 CN Carbamic acid, [[[5,7-bis(1-methylethoxy)-1,2,4-triazolo[4,3-a][1,3,5]triazin-3-yl]amino](1-methylethoxy)methylene]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

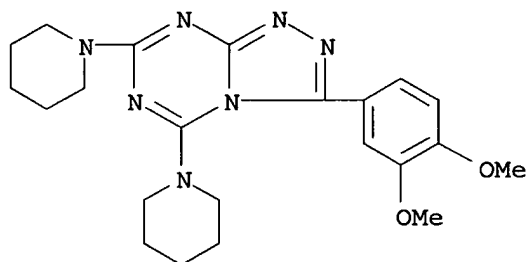


10/781,956

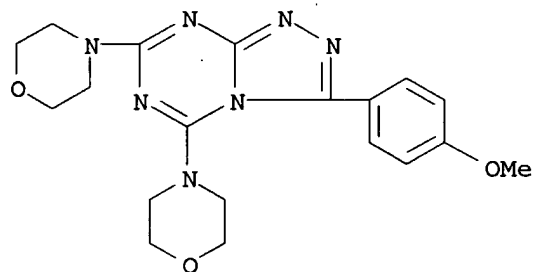
L5 ANSWER 22 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1978:151659 CAPLUS  
DN 88:151659  
TI Photolyses of 2-azido-4-methoxy-6-(1-naphthyl)-1,3,5-triazines: reactions  
of singlet and triplet 1,3,5-triazinylnitrenes with solvents  
AU Goka, Tsuruji; Shizuka, Haruo; Matsui, Kohji  
CS Dep. Chem., Gunma Univ., Kiryu, Japan  
SO Journal of Organic Chemistry (1978), 43(7), 1361-7  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English  
IT **65103-02-8P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 65103-02-8 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5-methoxy-7-(2-methoxy-1-  
naphthalenyl)-3-methyl- (9CI) (CA INDEX NAME)



L5 ANSWER 23 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1978:135885 CAPLUS  
DN 88:135885  
TI Studies on heterocyclic compounds. V. Photochemical reactions of  
2-(2,6-dichlorobenzylidenehydrazino)pyrimidine and its related hydrazones  
AU Tsujikawa, Teruaki; Tatsuta, Motomi  
CS Cent. Res. Div., Takeda Chem. Ind., Ltd., Osaka, Japan  
SO Chemical & Pharmaceutical Bulletin (1977), 25(12), 3137-46  
CODEN: CPBTAL; ISSN: 0009-2363  
DT Journal  
LA English  
IT 65845-88-7 65845-89-8 65845-90-1  
65845-91-2  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(photochem. isomerization of)  
RN 65845-88-7 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-(3,4-dimethoxyphenyl)-5,7-di-1-  
piperidinyl- (9CI) (CA INDEX NAME)



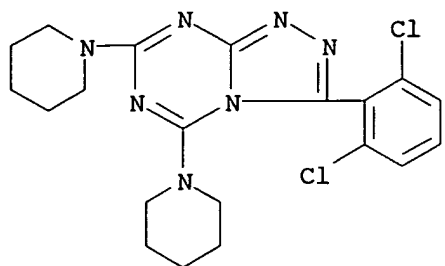
RN 65845-89-8 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-(4-methoxyphenyl)-5,7-di-4-  
morpholinyl- (9CI) (CA INDEX NAME)



RN 65845-90-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-(2,6-dichlorophenyl)-5,7-di-1-  
piperidinyl- (9CI) (CA INDEX NAME)

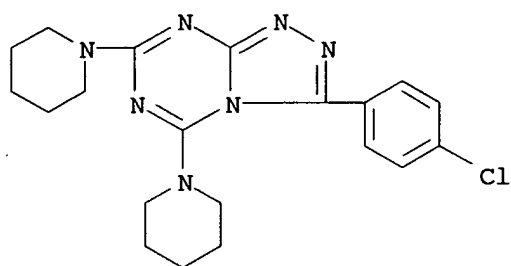


10/781,956



RN 65845-91-2 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-(4-chlorophenyl)-5,7-di-1-piperidinyl- (9CI) (CA INDEX NAME)



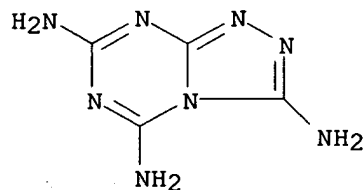
10/781,956

L5 ANSWER 24 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1976:408093 CAPLUS  
DN 85:8093  
TI Functional fluid compositions containing substituted pyrimidines  
IN Sullivan, James D.  
PA Monsanto Co., USA  
SO U.S., 10 pp.  
CODEN: USXXAM

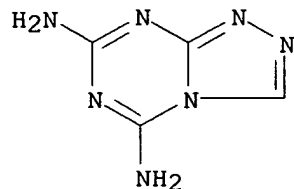
DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3939084	A	19760217	US 1973-429451	19731228
	NL 6704601	A	19671009	NL 1967-4601	19670331
	ES 338687	A1	19680401	ES 1967-338687	19670331
	BE 696664	A	19671005	BE 1967-696664	19670405
	IL 27743	A1	19710128	IL 1967-27743	19670405
	BR 6788302	A0	19730109	BR 1967-188302	19670405
	GB 1188813	A	19700422	GB 1967-1188813	19670406
	GB 1192910	A	19700528	GB 1967-1192910	19670406
	US 3591500	A	19710706	US 1969-796885	19690205
	US 3752764	A	19730814	US 1971-156134	19710623
	US 3759829	A	19730918	US 1971-156133	19710623
	US 3788992	A	19740129	US 1971-156135	19710623
PRAI	US 1966-540488		19660406		
	US 1969-796885		19690205		
	US 1971-156133		19710623		
	US 1972-316159		19721218		
IT	7144-22-1 23244-86-2				
	RL: USES (Uses)				
	(antioxidants, for thioether hydraulic fluids)				
RN	7144-22-1 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI)			(CA INDEX NAME)	



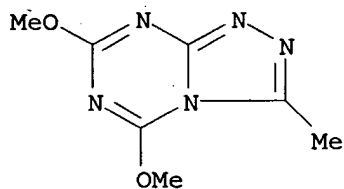
RN 23244-86-2 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine (9CI) (CA INDEX NAME)



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L5 ANSWER 25 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1975:488612 CAPLUS  
DN 83:88612  
TI Photolysis of azido-1,3,5-triazine. Photocycloaddition of singlet nitrene to nitriles  
AU Yamada, Hideo; Shizuka, Haruo; Matsui, Kohji  
CS Dep. Chem., Gunma Univ., Kiryu, Japan  
SO Journal of Organic Chemistry (1975), 40(9), 1351-3  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English  
IT **54410-40-1P**  
RL: FORM (Formation, nonpreparative); PREP (Preparation)  
(formation of, in photocycloaddn. of azidodimethoxytriazine with acetonitrile)  
RN 54410-40-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5,7-dimethoxy-3-methyl- (9CI) (CA INDEX NAME)



10/781,956

L5 ANSWER 26 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1975:125364 CAPLUS

DN 82:125364

TI Synthesis of s-triazolo[4,3-a]-s-triazines and their isomerization to s-triazolo[2,3-a]-s-triazines

AU Deshpande, R. J.; Roa, A. V. Rama

CS Natl. Chem. Lab., Poona, India

SO Synthesis (1974), (12), 863-5

CODEN: SYNTBF; ISSN: 0039-7881

DT Journal

LA English

IT 13888-14-7P 54807-07-7P 54807-10-2P

54807-11-3P 54807-15-7P 54807-16-8P

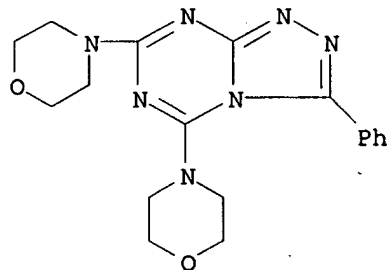
54807-22-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and rearrangement of)

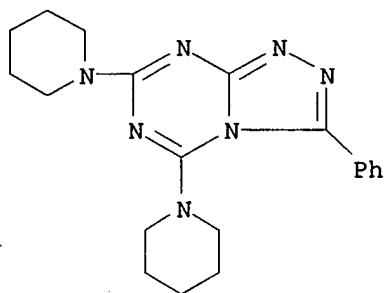
RN 13888-14-7 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5,7-di-4-morpholinyl-3-phenyl- (9CI)  
(CA INDEX NAME)



RN 54807-07-7 CAPLUS

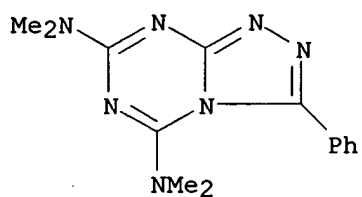
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-phenyl-5,7-di-1-piperidinyl- (9CI)  
(CA INDEX NAME)



RN 54807-10-2 CAPLUS

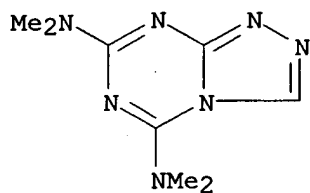
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-phenyl- (9CI) (CA INDEX NAME)

10/781,956



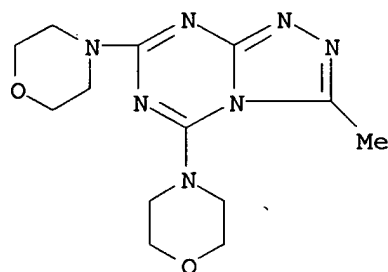
RN 54807-11-3 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl- (9CI) (CA INDEX NAME)



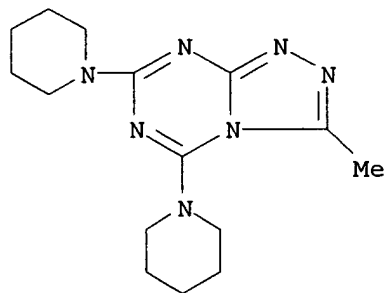
RN 54807-15-7 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-methyl-5,7-di-4-morpholinyl- (9CI) (CA INDEX NAME)



RN 54807-16-8 CAPLUS

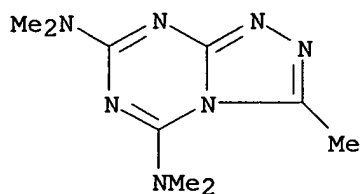
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 3-methyl-5,7-di-1-piperidinyl- (9CI) (CA INDEX NAME)



10/781,956

RN 54807-22-6 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N',3-pentamethyl-  
(9CI) (CA INDEX NAME)

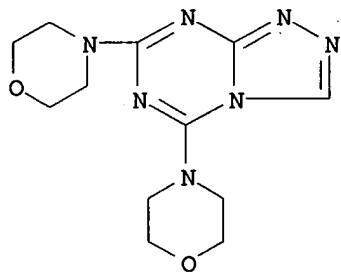


IT 54807-08-8P 54807-09-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

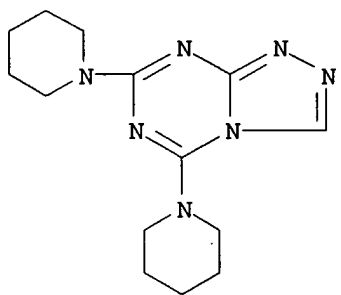
RN 54807-08-8 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5,7-di-4-morpholinyl- (9CI) (CA  
INDEX NAME)



RN 54807-09-9 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5,7-di-1-piperidinyl- (9CI) (CA  
INDEX NAME)



10/781,956

L5 ANSWER 27 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1974:522766 CAPLUS  
DN 81:122766  
TI Basic azo dyes  
IN Maeda, Shigeo; Ozutsumi, Minoru; Kurahashi, Takeo  
PA Hodogaya Chemical Co., Ltd.  
SO Jpn. Kokai Tokkyo Koho, 14 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49027287	A2	19740311	JP 1972-65429	19720701
PRAI	JP 1972-65429		19720701		

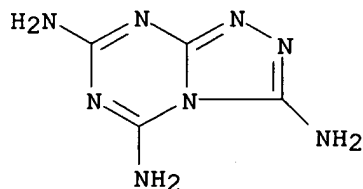
IT 7144-22-1

RL: USES (Uses)

(coupling of diazotized, in manufacture of azo dyes for acrylic fibers)

RN 7144-22-1 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



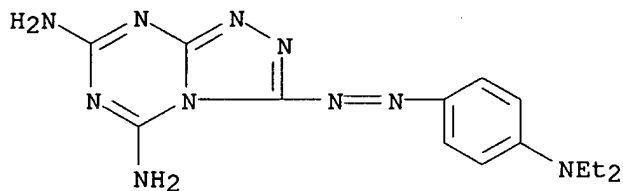
IT 52470-03-8P 52470-04-9P 52552-87-1P

52569-71-8P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of)

RN 52470-03-8 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-[[4-(diethylamino)phenyl]azo]- (9CI) (CA INDEX NAME)

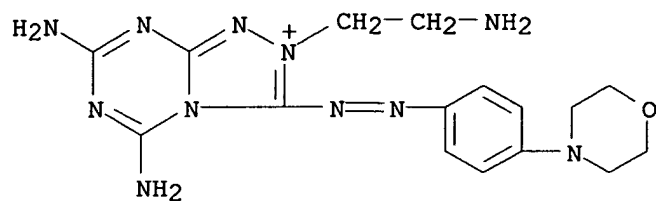


RN 52470-04-9 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-2-(2-aminoethyl)-3-[[4-(4-morpholinyl)phenyl]azo]-, chloride (9CI) (CA INDEX NAME)

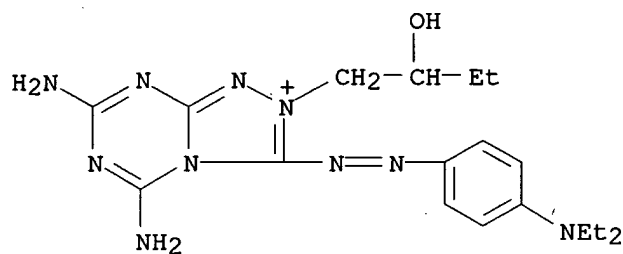


10/781,956



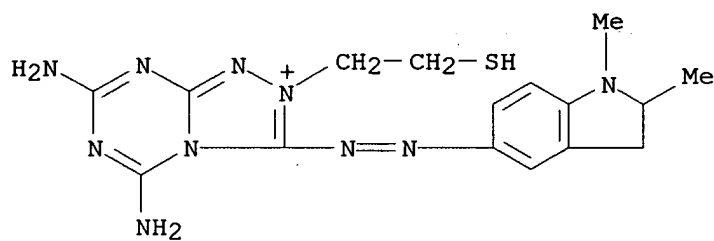
● Cl<sup>-</sup>

RN 52552-87-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-3-[[4-(diethylamino)phenyl]azo]-2-(2-hydroxybutyl)-, chloride (9CI) (CA INDEX NAME)



● Cl<sup>-</sup>

RN 52569-71-8 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-3-[(2,3-dihydro-1,2-dimethyl-1H-indol-5-yl)azo]-2-(2-mercaptoethyl)-, chloride (9CI) (CA INDEX NAME)



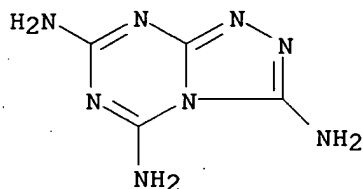
● Cl<sup>-</sup>

10/781,956

L5 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1974:493042 CAPLUS  
DN 81:93042  
TI Basic azo dye  
IN Maeda, Shigeo; Ozutsumi, Minoru; Kubota, Yoshio  
PA Hodogaya Chemical Co., Ltd.  
SO Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49024226	A2	19740304	JP 1972-65430	19720701
PRAI	JP 1972-65430		19720701		
IT	<b>7144-22-1</b>				
	RL: USES (Uses)				
	(coupling of diazotized, with methylphenylindole)				
RN	7144-22-1	CAPLUS			
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)				

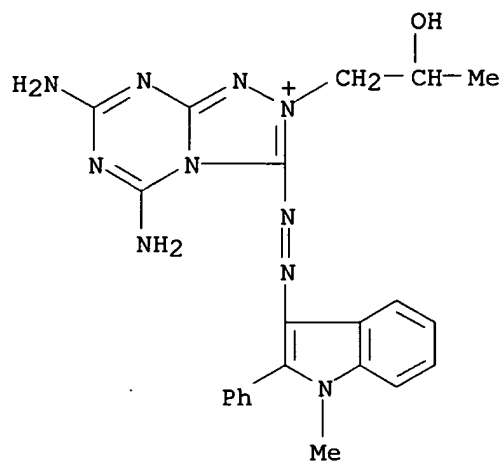


IT **52171-26-3P 52204-56-5P 52204-57-6P**  
RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of)  
RN 52171-26-3 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-2-(2-hydroxypropyl)-3-  
[(1-methyl-2-phenyl-1H-indol-3-yl)azo]-, (T-4)-tetrachlorozincate(2-)  
(2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 52171-25-2  
CMF C22 H23 N10 O

10/781,956

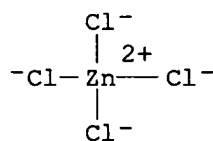


CM 2

CRN 15201-05-5

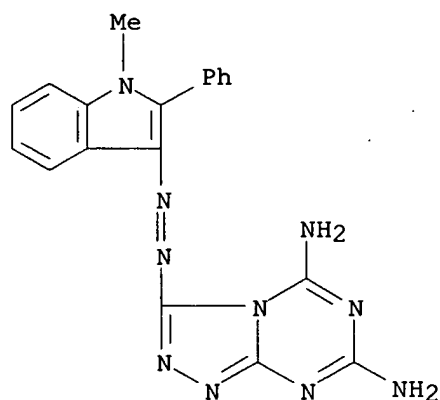
CMF Cl4 Zn

CCI CCS



RN 52204-56-5 CAPLUS

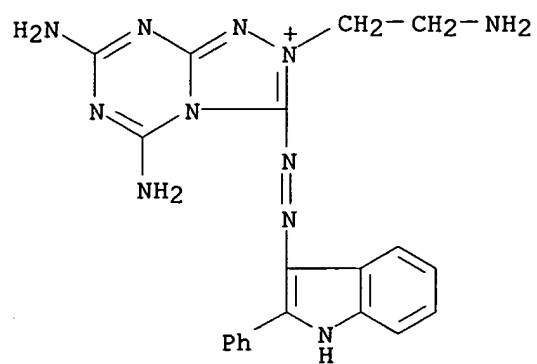
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, 3-[(1-methyl-2-phenyl-1H-indol-3-yl)azo]- (9CI) (CA INDEX NAME)



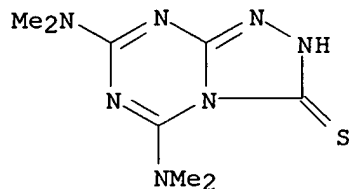
RN 52204-57-6 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-2-(2-aminoethyl)-3-[(2-phenyl-1H-indol-3-yl)azo]-, chloride (9CI) (CA INDEX NAME)

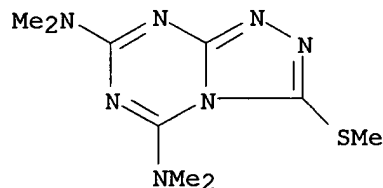
10/781,956



L5 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1973:432013 CAPLUS  
 DN 79:32013  
 TI Synthesis and Dimroth-type rearrangement of 5,7-bis(dimethylamino)-3-(methylthio)-s-triazolo[4,3-a]-s-triazine  
 AU DeMilo, Albert B.; Oliver, James E.; Gilardi, Richard D.  
 CS Agric. Environ. Qual. Inst., Agric. Res. Serv., Beltsville, MD, USA  
 SO Journal of Heterocyclic Chemistry (1973), 10(2), 231-3  
 CODEN: JHTCAD; ISSN: 0022-152X  
 DT Journal  
 LA English  
 IT **41832-47-7P 41832-48-8P 41832-49-9P**  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 41832-47-7 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3(2H)-thione, 5,7-bis(dimethylamino)-  
 (9CI) (CA INDEX NAME)



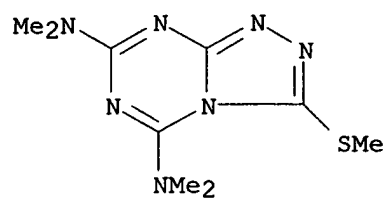
RN 41832-48-8 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(methylthio)-, monohydriodide (9CI) (CA INDEX NAME)



● HI

RN 41832-49-9 CAPLUS  
 CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine, N,N,N',N'-tetramethyl-3-(methylthio)- (9CI) (CA INDEX NAME)

10/781,956



10/781,956

L5 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1972:490056 CAPLUS

DN 77:90056

TI Basic azo dyes

IN Ozutsumi, Minoru; Maeda, Shigeo; Nakajo, Teruo; Shinmura, Isao

PA Hodogaya Chemical Co., Ltd.

SO Jpn. Tokkyo Koho, 20 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 47011348	B4	19720408	JP 1969-92904	19691121

IT **35894-58-7P 37502-57-1P**

RL: IMF (Industrial manufacture); PREP (Preparation)  
(preparation of)

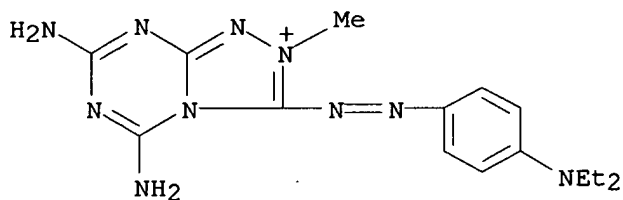
RN 35894-58-7 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-3-[[4-(diethylamino)phenyl]azo]-2-methyl-, methyl sulfate (9CI) (CA INDEX NAME)

CM 1

CRN 50565-99-6

CMF C15 H21 N10



CM 2

CRN 21228-90-0

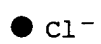
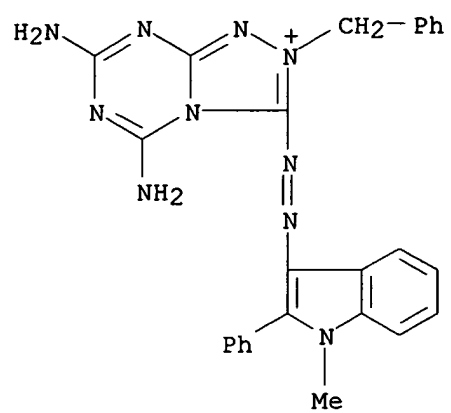
CMF C H3 O4 S

Me-O-SO<sub>3</sub><sup>-</sup>

RN 37502-57-1 CAPLUS

CN 1,2,4-Triazolo[4,3-a][1,3,5]triazinium, 5,7-diamino-3-[(1-methyl-2-phenyl-1H-indol-3-yl)azo]-2-(phenylmethyl)-, chloride (9CI) (CA INDEX NAME)

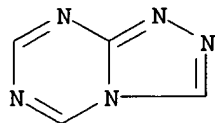
10/781,956





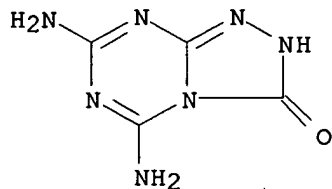
10/781,956

L5 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1971:509632 CAPLUS  
DN 75:109632  
TI Minimal structural conditions for the Dimroth-type rearrangement in the  
polyazaindolizine series  
AU Guerret, Patrick; Jacquier, Robert; Maury, Georges  
CS Lab. Synth. Et. Physiochim. Heterocycles Azotes, Univ. Sci. Tech.  
Languedoc, Montpellier, Fr.  
SO Journal of Heterocyclic Chemistry (1971), 8(4), 643-50  
CODEN: JHTCAD; ISSN: 0022-152X  
DT Journal  
LA English  
IT 274-99-7  
RL: PRP (Properties)  
(electron d. of, calcn. of)  
RN 274-99-7 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine (9CI) (CA INDEX NAME)



10/781,956

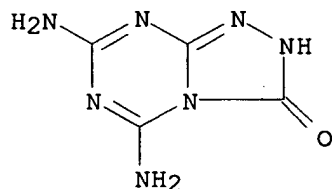
L5 ANSWER 32 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1971:87928 CAPLUS  
DN 74:87928  
TI Synthesis and oxidation of hydrazino-s-triazines. III. Synthesis and  
reactions of hydrazino- and semicarbazide-s-triazines  
AU Honda, Itaru; Keumi, Takashi; Shimomura, Yoshiji  
CS Fukui Univ., Fukui, Japan  
SO Kogyo Kagaku Zasshi (1969), 72(2), 593-9  
CODEN: KGKZA7; ISSN: 0368-5462  
DT Journal  
LA Japanese  
IT 31143-98-3P 31143-99-4P 31144-00-0P  
31144-01-1P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 31143-98-3 CAPLUS  
CN s-Triazolo[4,3-a]-s-triazin-3(2H)-one, 5,7-diamino- (8CI) (CA INDEX NAME)



RN 31143-99-4 CAPLUS  
CN s-Triazolo[4,3-a]-s-triazin-3(2H)-one, 5,7-diamino-, monopicrate (8CI)  
(CA INDEX NAME)

CM 1

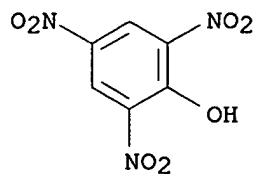
CRN 31143-98-3  
CMF C4 H5 N7 O



CM 2

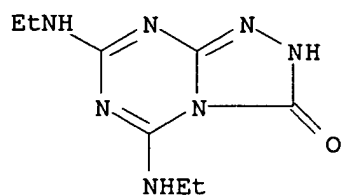
CRN 88-89-1  
CMF C6 H3 N3 O7

10/781,956



RN 31144-00-0 CAPLUS

CN s-Triazolo[4,3-a]-s-triazin-3(2H)-one, 5,7-bis(ethylamino)- (8CI) (CA INDEX NAME)



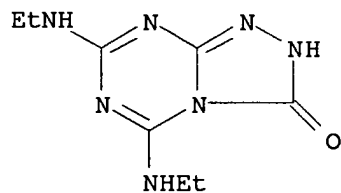
RN 31144-01-1 CAPLUS

CN s-Triazolo[4,3-a]-s-triazin-3(2H)-one, 5,7-bis(ethylamino)-, monopicrate (8CI) (CA INDEX NAME)

CM 1

CRN 31144-00-0

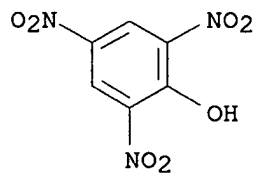
CMF C8 H13 N7 O



CM 2

CRN 88-89-1

CMF C6 H3 N3 O7





L5 ANSWER 33 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1970:477206 CAPLUS  
 DN 73:77206  
 TI Synthesis of s-triazolo[4,3-a]-1,3,5-triazines  
 AU Kobe, J.; Stanovnik, B.; Tisler, Miha  
 CS Dep. Chem., Univ. Ljubljana, Ljubljana, Yugoslavia  
 SO Tetrahedron (1970), 26(13), 3357-68  
 CODEN: TETRAB; ISSN: 0040-4020

DT Journal

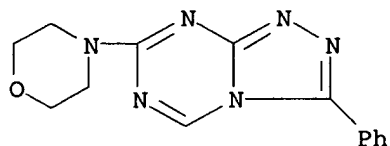
LA English

IT 28750-23-4 28750-24-5

RL: RCT (Reactant); RACT (Reactant or reagent)  
 (mixture with isomer)

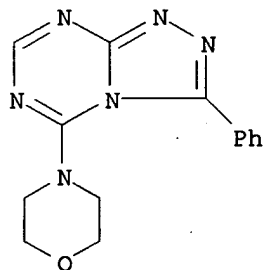
RN 28750-23-4 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 7-morpholino-3-phenyl- (8CI) (CA INDEX NAME)



RN 28750-24-5 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 5-morpholino-3-phenyl- (8CI) (CA INDEX NAME)



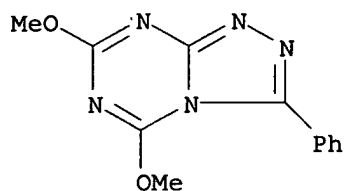
IT 13888-17-0P 28735-54-8P 28750-17-6P  
 28750-19-8P 28750-20-1P 28750-21-2P  
 28750-22-3P 28750-26-7P 28750-27-8P  
 28750-28-9P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

RN 13888-17-0 CAPLUS

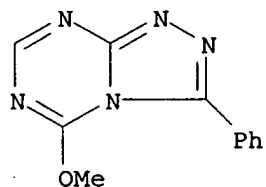
CN s-Triazolo[4,3-a]-s-triazine, 5,7-dimethoxy-3-phenyl- (8CI) (CA INDEX NAME)

10/781,956



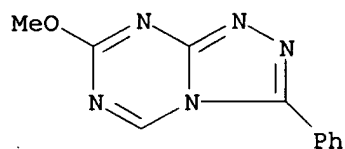
RN 28735-54-8 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 5-methoxy-3-phenyl- (8CI) (CA INDEX NAME)



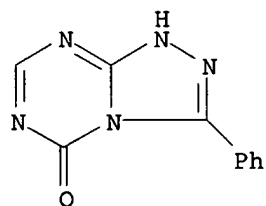
RN 28750-17-6 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 7-methoxy-3-phenyl- (8CI) (CA INDEX NAME)



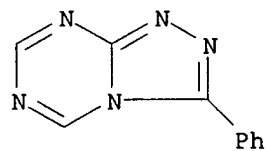
RN 28750-19-8 CAPLUS

CN s-Triazolo[4,3-a]-s-triazin-5(8H)-one, 3-phenyl- (8CI) (CA INDEX NAME)



RN 28750-20-1 CAPLUS

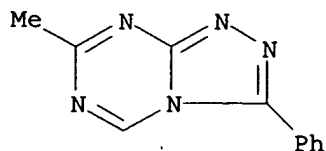
CN s-Triazolo[4,3-a]-s-triazine, 3-phenyl- (8CI) (CA INDEX NAME)



10/781,956

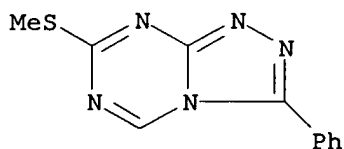
RN 28750-21-2 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 7-methyl-3-phenyl- (8CI) (CA INDEX NAME)



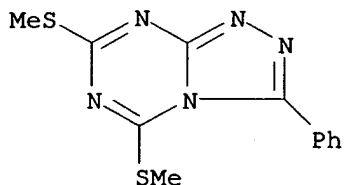
RN 28750-22-3 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 7-(methylthio)-3-phenyl- (8CI) (CA INDEX NAME)



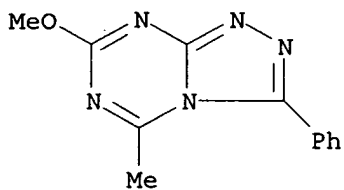
RN 28750-26-7 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 5,7-bis(methylthio)-3-phenyl- (8CI) (CA INDEX NAME)



RN 28750-27-8 CAPLUS

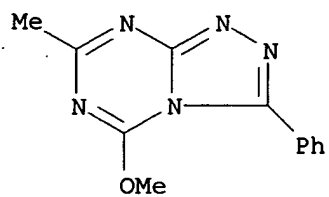
CN s-Triazolo[4,3-a]-s-triazine, 7-methoxy-5-methyl-3-phenyl- (8CI) (CA INDEX NAME)



RN 28750-28-9 CAPLUS

CN s-Triazolo[4,3-a]-s-triazine, 5-methoxy-7-methyl-3-phenyl- (8CI) (CA INDEX NAME)

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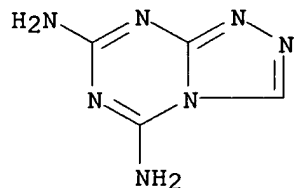




10/781,956

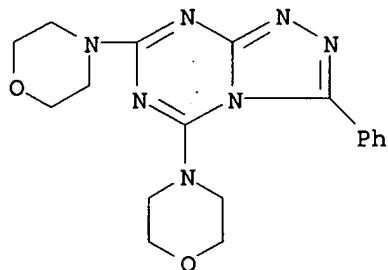
L5 ANSWER 34 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1969:98498 CAPLUS  
DN 70:98498  
TI Heat-transfer fluids and lubricants containing nitrogen compound corrosion inhibitors  
IN Sullivan, James D.  
PA Monsanto Co.  
SO Fr., 15 pp.  
CODEN: FRXXAK  
DT Patent  
LA French  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1517601		19680315		
	DE 1644909			DE	
	GB 1188813			GB	
	GB 1192910			GB	
	US 3591500		19710000	US	
	US 3752764		19730000	US	
	US 3759829		19730000	US	
	US 3788992		19740000	US	
PRAI	US		19660406		
IT	23244-86-2				
	RL: USES (Uses)				
	(corrosion inhibitors, for ether lubricants)				
RN	23244-86-2 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine (9CI)			(CA INDEX NAME)	

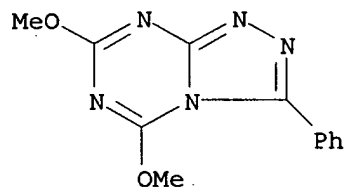


10/781,956

L5 ANSWER 35 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1967:104972 CAPLUS  
DN 66:104972  
TI Heterocycles. XLVIII. Preparation of substituted 1,3,5-triazines and a novel synthesis of substituted s-triazolo-[4,3-a]-s-triazines  
AU Jelenc, M.; Kobe, J.; Stanovnik, B.; Tisler, Miha  
CS Univ. Ljubljana, Ljubljana, Yugoslavia  
SO Monatshefte fuer Chemie (1966), 97(6), 1713-22  
CODEN: MOCHAP  
DT Journal  
LA German  
IT **13888-14-7P 13888-17-0P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 13888-14-7 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine, 5,7-di-4-morpholinyl-3-phenyl- (9CI)  
(CA INDEX NAME)



RN 13888-17-0 CAPLUS  
CN s-Triazolo[4,3-a]-s-triazine, 5,7-dimethoxy-3-phenyl- (8CI) (CA INDEX NAME)



L5 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1963:469578 CAPLUS

DN 59:69578

OREF 59:12952a-c

TI A new synthesis of dyes of the triazine series. II. Vat dyes of triazolotriazine series

AU Titkov, V. A.; Pletnev, I. D.

SO Zhurnal Obshchei Khimii (1963), 33(4), 1355-7

CODEN: ZOKHA4; ISSN: 0044-460X

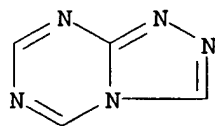
DT Journal

LA Unavailable

IT 274-99-7, s-Triazolo[4,3-a]-s-triazine  
(derivs.)

RN 274-99-7 CAPLUS

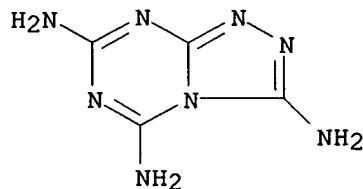
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine (9CI) (CA INDEX NAME)



IT 7144-22-1, s-Triazolo[4,3-a]-s-triazine, 3,5,7-triamino-  
107421-36-3, Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-  
3,5,7-triyltriimino)tris[4-benzamido- 107421-37-4,  
Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-  
triyltriimino)tris[5-benzamido- 107526-52-3, Anthraquinone,  
1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-triyltriimino)tris[3-bromo-  
107541-70-8, Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-  
3,5,7-triyltriimino)tri-  
(preparation of)

RN 7144-22-1 CAPLUS

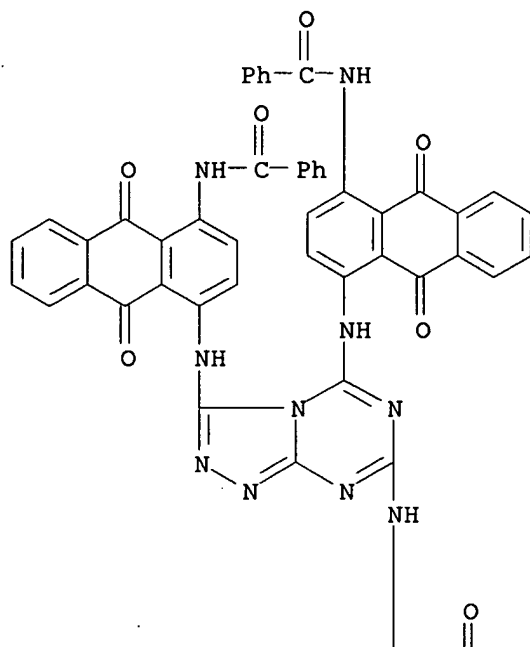
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)



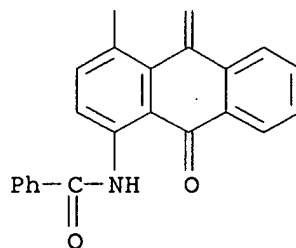
RN 107421-36-3 CAPLUS

CN Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-  
triyltriimino)tris[4-benzamido- (7CI) (CA INDEX NAME)

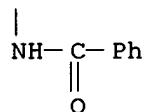
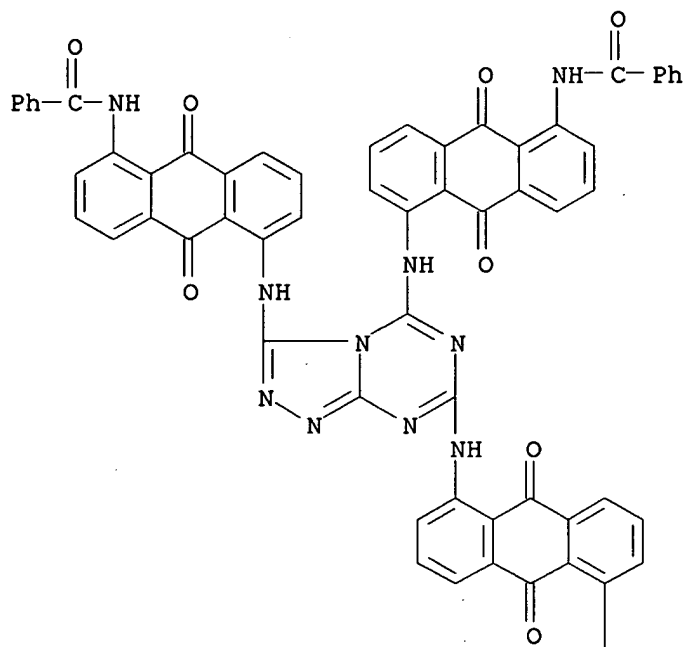
PAGE 1-A



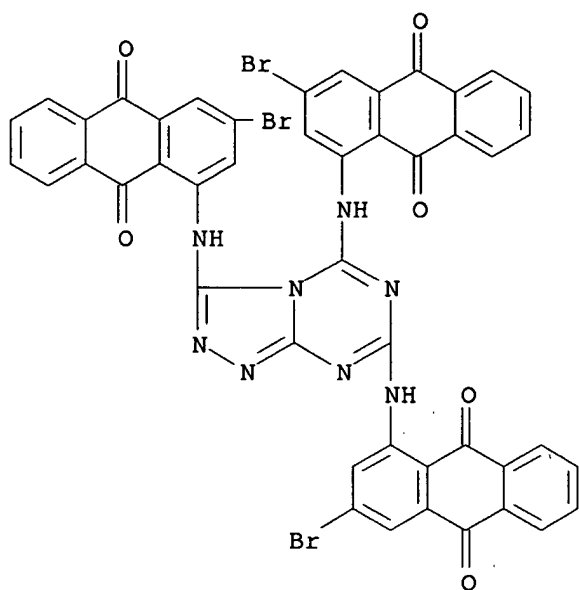
PAGE 2-A



RN 107421-37-4 CAPLUS  
 CN Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-triyltriimino)tris[5-benzamido- (7CI) (CA INDEX NAME)

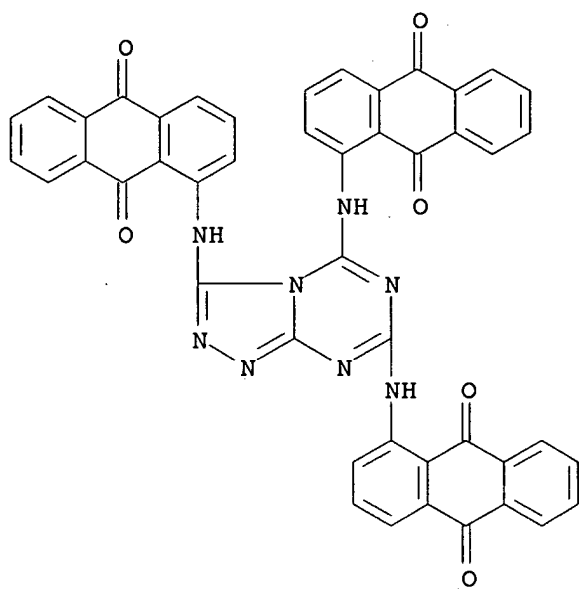


RN 107526-52-3 CAPLUS  
 CN Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-triyltriimino)tris[3-bromo- (7CI) (CA INDEX NAME)



RN 107541-70-8 CAPLUS

CN Anthraquinone, 1,1',1''-(s-triazolo[4,3-a]-s-triazine-3,5,7-triyltriimino)tri- (7CI) (CA INDEX NAME)



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L5 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1960:41080 CAPLUS

DN 54:41080

OREF 54:8096e-f

TI Vat dyes

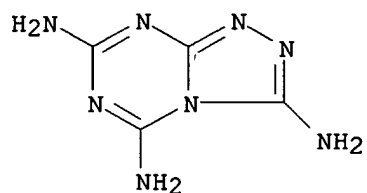
IN Titkov, V. A.; Pletnev, I. D.

DT Patent

LA Unavailable

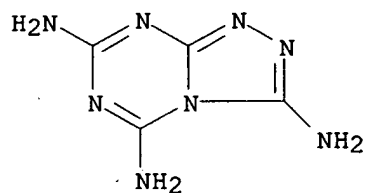
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 122227		19590825	SU	
IT	7144-22-1, s-Triazolo[4,3-a]-s-triazine, 3,5,7-triamino- (reaction with 1-chloroanthraquinone and dyes therefrom)				
RN	7144-22-1 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)				



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L5 ANSWER 38 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1954:77635 CAPLUS  
DN 48:77635  
OREF 48:13687a-f  
TI Dicyandiamide. V. Structures of guanazo- and pyroguanazoles, and reaction  
of dicyandiamide with 3-amino-5-substituted-4H-1,2,4-triazoles  
AU Kaiser, D. W.; Peters, G. A.; Wystrach, V. P.  
CS American Cyanamid Co., Stamford, CT  
SO Journal of Organic Chemistry (1953), 18, 1610-15  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA Unavailable  
IT **7144-22-1**, s-Triazolo[4,3-a]-s-triazine, 3,5,7-triamino-  
(as structure for guanazoguanazole)  
RN 7144-22-1 CAPLUS  
CN 1,2,4-Triazolo[4,3-a][1,3,5]triazine-3,5,7-triamine (9CI) (CA INDEX NAME)





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L5 ANSWER 39 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1949:44173 CAPLUS

DN 43:44173

OREF 43:7974h-i,7975a

TI Triazine derivative

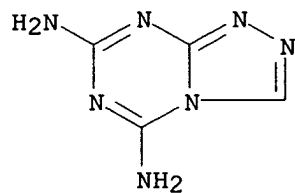
PA Cilag Ltd.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 243738		19470116	CH	
IT	23244-86-2, s-Triazolo[4,3-a]-s-triazine, 5,7-diamino-(3-derivs.)				
RN	23244-86-2 CAPLUS				
CN	1,2,4-Triazolo[4,3-a][1,3,5]triazine-5,7-diamine (9CI) (CA INDEX NAME)				



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

122.87

271.23

STN INTERNATIONAL LOGOFF AT 14:02:46 ON 27 SEP 2003